

Report to the Iowa Legislature
on the Status of the
Iowa Statewide Interoperable Communications System Board
(ISICSB)
Calendar Year 2016

Overview

During the first session of the 82nd General Assembly, the Iowa Legislature established Iowa Statewide Interoperability Communications System Board (ISICSB). 2007 Iowa Acts, House File 353, created Iowa Code Section 80.28, which addresses the membership of the Board, with Section 80.29 identifying its duties, as follows:

“A statewide interoperable communications system board is established, under the joint purview of the department and the state department of transportation. The board shall develop, implement, and oversee policy, operations, and fiscal components of communications interoperability efforts at the state and local level, and coordinate with similar efforts at the federal level, with the ultimate objective of developing and overseeing the operation of a statewide integrated public safety communications interoperability system. For the purposes of this section and section 80.29, “interoperability” means the ability of public safety and public services personnel to communicate and to share data on an immediate basis, on demand, when needed, and when authorized.”

The ISICSB has been in existence for eight years, progressively improving policy and procedures for Iowa interoperability and advancing stakeholder involvement in decision making.

2015 -2017 Chair and Vice-Chair are as follows:

Chair: Thomas Lampe, Department of Public Safety
(515) 725-6113, lampe@dps.state.ia.us
Vice-Chair: Jason Leonard, Waverly Police Department
(319) 352-5400, jasonl@ci.waverly.ia.us

December 2016 ISICSB Members

Local Representatives

<u>Name</u>	<u>Position</u>	<u>City</u>
David Ness	Municipal Police Department	Des Moines P.D.
Jason Leonard	Municipal Police Department	Waverly P.D.
Ellen Hagen	Fire Department (Volunteer)	Jewell F.D.
Deb Krebill	Fire Department (Career)	Marion F.D.
Denise Pavlik	Communication Center Manager	Scott County
Andy Buffington	Communication Center Manager	Winnebago Co.
Ted Kamatchus	County Sheriff	Marshall County
Michael Kasper	County Sheriff	Linn County
Kelly Groskurth	Member-at-Large	City Clerk, Treynor
Vacant	Emergency Management	
Linda Frederiksen	Emergency Medical Services	Scott County

State Agency Representatives

John Benson	Department of Homeland Security and Emergency Management
Marty Smith	Department of Public Health
Thomas Lampe	Department of Public Safety
Carole Lund-Smith	Iowa Law Enforcement Academy
Jeffrey Swearngin	Department of Natural Resources
Patrick Updike	Department of Corrections
Robert von Wolfradt	Chief Information Officer
Dave Lorenzen	Department of Transportation

Legislative Ex-Officio Members

Senator Chris Brase
Senator Randy Feenstra
Representative Bob Kressig
Representative Steven Holt

Communications Interoperability Efforts

The ISICSB holds monthly public meetings, on the second Thursday of the month. The ISICSB posts information on a web site at www.isicsb.iowa.gov.

During 2016, ISICSB addressed legislative mandates, as contained in Iowa Code 80.29, as follows:

1. Implement and maintain organizational and operational elements of the board, including staffing and program activity.

- From its inception in 2007 through 2016, ISICSB relies on Federal Interoperability Grants and State appropriations to support Board activities.
 - In State Fiscal Year (SFY) 2015, \$154,000 in state funding was appropriated to ISICSB.
 - Each Board member has a full-time professional position and performs Board duties on volunteer a part-time basis.
 - As part of a national interoperability initiative, circa 2008 each state was to establish a Statewide Interoperability Coordinator (SWIC) position. This position is also consistent with this Iowa Code mandated element. This SWIC position has been critical to improving interoperability in Iowa, addressing these legislative mandates, and the resulting accomplishments of the Board.
 - Craig Allen has been Iowa's SWIC since April 2014.
 - The SWIC position is one of two employees of this Board.
 - In 2010 the Board hired their first SWIC.
 - In 2014 the Board hired an Administrative Assistant. This position is funded by State and Local Implementation Grant Program SLIGP grant funds. The position is limited to only FirstNet broadband duties.
 - Until 2014, SWIC salary was paid for by Federal Interoperability grants.
 - Starting in Federal (FFY) 2015 and continuing through FFY 2016, State and Local Implementation Grant Program (SLIGP) pays half the SWIC's salary and expenses. This grant program creates a national public safety broadband network (NPSBN),
 - During 2016 through a partnership with Iowa Communication Network (ICN), Helen Troyanovich, an electrical engineer, became Deputy SWIC. DSWIC Troyanovich is fully funded through SLIGP grant and focuses on broadband outreach, engineering, interoperability, and regional interoperability committee (RIC) participation within ISICSB.
- In 2012, Congress passed the Middle Class Relief Act which included Nationwide Public Safety Broadband Network (NPSBN) creating FirstNet Authority. A state and local broadband planning grant program known as SLIGP was included.
 - In 2013, SLIGP grant became available. Iowa applied for this grant and in August 2013 was awarded funds for a three (3) year period with the

restriction that this grant can only be used for broadband planning activities, and not a SWIC's overall interoperability duties. In Iowa this grant partially supports the SWIC's salary. Therefore, it is essential that annualized legislative funding continue to be appropriated to pay half of the SWIC's salary to continue to meet Iowa's various non-broadband radio interoperability needs.

-
- NPSBN funds are used specifically to educate Iowa's public safety community about this new national broadband network, and solicit feedback from our public safety community about their broadband communications needs.
 - ISICSB used a county by county effort to share information and collect network requirements to define Iowa's public safety wireless broadband needs.
 - ISICSB issued a request for proposal and contracted with Connect Iowa to develop and outreach effort and present it in each county. Key stakeholders in each county were peer selected to serve on 1 of 6, Regional Interoperability Committees (RICs) reporting to ISICSB directly on their public safety wireless broadband needs, including, coverage, availability, reliability, security and resiliency of a network.
 - As of December 2015, all of Iowa's 99 counties have participated in at least one outreach presentation.
- The ISICSB expanded their FirstNet Broadband Sub-Committee to address planning, technology and public private partnership issues of NPSBN in Iowa.
 - This FirstNet Broadband Sub Committee is co-chaired by Ric Lumbard, Executive Director of the ICN, and State of Iowa Chief Information Officer (CIO) Bob von Wolfradt. SWIC Allen, DSWIC Troyanovich, along with two ISICSB Board members, and other state and local subject matter experts (SMEs) round out this committee. The Sub Committee meets monthly to become more informed about broadband technology, Iowa public safety needs, NPSBN public safety grade requirements, and identify potential private companies willing to engage in a public safety wireless broadband network.
 - NSPBN directed each state to identify a state point of contact (SPOC) for NPSBN interactions. Governor Branstad appointed ISICSB Chair Thomas Lampe as the SPOC for NPSBN planning and implementation in Iowa. During 2016 SPOC Lampe and other ISICSB Board members attended national and regional meetings advancing FirstNet's understanding of Iowa public safety needs for a NPSBN.
 - On November 18, 2014, Iowa became the 8th state to hold an Initial Consultation with seven senior representatives of FirstNet. Over 50 Iowa State and local representatives met with FirstNet to begin the multiphase process of determining if Iowa wishes to opt-in, building NPSBN in conjunction with FirstNet, or opt-out, requiring Iowa to shoulder the total expense to build out their portion of a NPSBN.
 - FirstNet met with Governor Branstad on December 3, 2015, to explain legal interpretations of enabling legislation regarding states options in

selecting whether to opt in or opt out of partnering with FirstNet to build out Iowa's portion of the National Public Safety Broadband Network. SPOC Lampe and SWIC Allen also attended.

- The Governance Committee, in conjunction with other Board committees, continues to steer activities with local public safety community partners in a collaborative way to establish regional governance presence throughout Iowa.
- The Governance Committee anticipates it will continue leveraging local public safety community partners for knowledge and advice in 2017, and beyond as the Board continues the task of designing and implementing a new statewide interoperable Project 25, Phase 2, 700 MHz land mobile radio (LMR) platform in Iowa. This platform is known as the Iowa Statewide Interoperable Communications System. (ISICS)
- The Governance Committee continues to work with local public safety community partners to establish effective and appropriate governance practices and relationships creating a foundation for successful operation of both ISICS and Iowa's portion of a NPSBN.

2. Review and monitor communications interoperability performance and service levels on behalf of Agencies.

- The ISICSB and E911 Council coordinated their activities and scheduled meetings on the same dates and at the same locations.
- During 2016 SWIC Allen and E911 Program Manager Blake DeRouchey began meeting weekly to ensure alignment of objectives and coordination of efforts between ISICSB and E911 Council.
- Since 2014, ISICSB has released a series of Policy Statements (attached) consistent with the National Emergency Communications Plan (NECP) and made efforts to provide clarity to the naming or re-naming of all public safety interoperability radio channels within all radio bands.
 - ISICSB management monitored public safety interoperability responses in Iowa.
 - There were incidents in Iowa where the response involved a number of agencies responding and interoperability issues identified.
 - Board management contacted those involved in the response, examined interoperability issues, and offered solutions that could solve interoperability communication issues that evolved from the incident. Some of the findings were:
 - Lack of training field personnel on how interoperability channels work,
 - Improperly labeled radio channels, and
 - Other available options to achieve interoperability with the equipment they use on a day-to-day basis.
 - Local or county policies in some instances were prohibiting responders from using interoperability channels because of their lack of updating the policy to reflect newer technology and the availability of more channels.
 - In some cases, communication centers were only broadcasting on certain channels that other agencies could not monitor.

- In other cases, there was significant channel interference created by other states in interoperability channels and ISICSB Technology Committee worked collaboratively with several local communities to identify solutions and implement resolution to the communication problems.
 - Clearly, interoperability is still an issue in Iowa preventing coordinating communications much of the time in the incidents examined.
 - Iowa's statewide communication platform called ISICS awarded for construction in 2015 will go a long way in solving Iowa's public safety interoperability challenges. ,
 - Absent a completed statewide interoperable system, it is very difficult to solve communication issues that counties and cities have in Iowa, the Board will continue to explore viable options and additional initiatives to improve interoperability in the coming year.
- During 2016, ISICSB conducted a series of regional training workshops designed to improve interoperability, focusing on delivery of the Department of Homeland Security's (DHS) Communications Leader (COML) and Communications Technician (COMT) courses.
- During 2016, ISICSB sponsored one DHS Region 7 Communications Unit (COMU) course and sent one ISICSB committee member to attend to become certified as a "trainer" in COMU , so as to enhance Iowa's cadre of trained COMTs and COMLs.
- The ISICSB continues to use technology to advance information sharing with the public through use of conference lines, which are open for all board meetings with the intent of gaining more one-on-one local input from a broader range of local users on interoperability issues.

3. *Establish, monitor, and maintain appropriate policies and protocols to ensure that interoperable communications systems function properly.*

- The ISICSB is promoting the national policy of using plain language in radio communications throughout Iowa.
- The ISICSB approved a policy in 2014 adopting the use of a minimum number of national interoperable channels in each radio as a statewide standard in January 1, 2014, and adopted the use of the national standard channel nomenclature. During 2016 this policy was revised to reflect contemporary changes occurring with new technologies and operational plans across Iowa.
- The ISICSB developed and published 'quick' one page templates and instructions for ease of use and programming channels into radio equipment.
- Because ISICSB lacks enforcement authority of any policy, this limits achievement of interoperability as some county and local governments continue past practices using legacy channel naming conventions like "Mutual Aid" which is inconsistent with new federal guidance. This non-compliance with ISICSB Policy and other federal directives, contributes to creating user confusion within Iowa regarding communications assets and hindering radio interoperability best practices. With Iowa's local control focus and county patchwork of "silo" radio systems operating in different radio frequencies, statewide interoperability policies and protocols are challenging to establish. With

disparate systems, what works for one county may not work for another, however a statewide platform like ISICS reduces this confusion since all users can be on a common frequency and statewide system.

- ISICSB passed a number of policy statements beginning in July 2014. After working closely with Attorney General staff on a process for developing, prominently posting for on ISICSB website to incentivize public comment, Board discussion and, if appropriate, voting by the Board to determine if a policy statement represented a best practice for Iowa public safety stakeholders. Lastly all policy statements are posted on ISICSB website in order of chronological order.
 - ***Policy statements passed in 2014:***
 - **2014-1** *Support of Project 25 Standard.*
 - **2014-2** *Endorsement of Strategic Technology Reserve (STR) Trailers.*
 - **2014-3** *Support of No Encryption on Interoperability Channels.*
 - **2014-4** *Endorsement of Credentialing Process of COML/COMT.*
 - ***Policy statements passed in 2015:***
 - **2015-01** *Endorsement for support for procurement and state funding of P-25 700 MHz LMR platform (which also created a standing committee User Group Committee (UGC) charged with managing collaboration on platform usage).*
 - **2015-02** *Supporting government control of interoperability frequencies and channels.*
 - **2015-03** *Defining Public Safety Grade.*
 - **2015-04** *Iowa Statewide Interoperability Channels.*
 - **2015-05** *AES 256 Encryption SLN TEK KID*
 - ***Policy statements passed in 2016:***
 - **2016-01** *Supporting Funding of Local Procurement of Public Safety Grade Land Mobile Radio (LMR) Equipment Used on Statewide Interoperable Networks, and Platforms*

Additional policy statements are in various degrees of completion and positing for interested stakeholders.

4. Allocate and oversee state appropriations or other funding received for interoperable Communications.

- The legislation creating ISICSB did not contain any state appropriations for its day-to-day operation or grant acquisition matching funds. From state fiscal years 2008 to 2012, the only funding received by the Board came from various federal interoperable communications grants, which have been substantially reduced or eliminated. The last available federal grant expired in May, 2013. A portion of that grant was earmarked to fund the SWIC's salary, Board operations, stakeholder outreach and training efforts, and radio programming with national interoperable channels to improve interoperability.
 - The ISICSB managed its funds very conservatively and were informed that it would be approved to continue to use those funds for one more year. However, with the federal sequestration, the grant extension was denied and those budgeted projects were left without funding.

- In August, 2013, the ISICSB, on behalf of the State of Iowa, received a \$1.6 Million federal grant to plan future build-out of the Nationwide Public Safety Broadband Network (NPSBN) in Iowa. NPSBN is being undertaken by a new federal agency FirstNet. NPSBN will be a national public safety grade, wireless broadband network. This grant is restricted to specifically this initiative and includes planning, outreach, education of public safety and elected officials, inventory of existing assets that could be leveraged for this broadband network, and funding for any personnel costs directly related to this initiative, e.g., a percentage of the SWIC's salary directly attributable to his work on broadband.
- In state fiscal years 2014 through 2016, ISICSB received \$154,000 annually in state appropriations to conduct State of Iowa interoperability matters not covered by federal grants.

5. Identify sources for ongoing, sustainable, longer-term funding for communications interoperability projects, including available and future assets that will leverage resources and provide incentives for communications interoperability participation, and develop and obtain adequate funding in accordance with a communications interoperability sustainability plan.

- (See #4 above.)
- With the passage of the Federal Nationwide Public Safety Broadband Network (NPSBN) legislation, Iowa will continue participating in planning for Iowa's portion of build-out of FirstNet, a nationwide broadband network to supplement public safety's land mobile-radio communications networks with interoperable wireless data capabilities.
- ISICSB continues to seek ways to identify sustainable, long-term funding and cost containment measures for communications interoperability. Continued state funding for ISICSB allows this board to continue to seek federal grant opportunities. Without funding (local match), ISICSB will be denied many grant opportunities due to inability to meet grant requirements specifying a local match.
- Local, county and state funding is essential for sustainability of any interoperable communications system. State funds will continue to be used to train, educate, and where possible build and maintain infrastructure.
- ISICSB will continue to seek grants and outside funding; however, federal grants specifically for interoperable communications are diminishing making state support all the more crucial in receiving such funding.

6. Develop and evaluate potential legislative solutions to address the funding and Resource challenges of implementing statewide communications interoperability initiatives.

- In August, 2013, the Board, on behalf of Iowa, received a federal broadband planning grant, known as the State and Local Implementation Grant Program (SLIGP), in the amount of \$1.67 Million for a three (3) year planning period to specifically focus on planning for the build-out in Iowa of the Nationwide Public Safety Broadband Network (NPSBN), a high-speed wireless broadband network specifically for public safety. This broadband network will supplement and compliment any and all public safety land-mobile radio systems. This grant can also be used to fund 50% of the SWIC's position, with the restriction that that 50% has to be entirely devoted to the broadband planning initiative of the NPSBN. After three (3) years, this grant will expire.

- Iowa participated in the first SLIGP onsite audit review of fund expenditure in December 2015.

7. *Develop a statewide integrated public safety communications interoperability system that allows for shared communications systems and costs, takes into account infrastructure needs and requirements, improves reliability, and addresses liability concerns of the shared network.*

- In 2012, the Department of Public Safety (DPS), Department of Transportation (DOT), and Department of Corrections (DOC), began working together with ISICSB to develop a plan and issue a Request for Proposal (RFP) for using state infrastructure and leveraging any other state resource that could be used to develop a communications interoperability radio system. That effort was recalled and a new RFP process was initiated.
- In 2013, ISICSB management monitored and assisted with an RFP for a statewide Project 25 700 MHz Phase 2 land-mobile radio (LMR) statewide platform tying together the seven existing countywide LMR systems.
 - During 2016 a contract was signed and construction began of the Iowa Statewide Interoperable Communications System (ISICS) platform. Equipment was delivered to Iowa in January 2016. ISICS is scheduled to be completed within 30 months from contract signing. ISICSB members believe by working with state agencies to create a “shared interoperable” Project 25 700 MHz Phase 2 LMR statewide platform, both interoperability and a very significant cost savings for state and local governments occur.
 - ISICSB has continued to expand county and local membership on all seven committees, Finance, Governance, Operations, Outreach, Technology, Training and Exercise, and User Group, to make sure the Board’s on-going process to gather input from local users on a continuous basis is maintained and to ensure that the actual state-wide system operational protocols remain up to date. To date ISICSB has over 90 county and local committee member representatives.

8. *Investigate data and video interoperability systems.*

- In 2010, Iowa was one of twenty-one jurisdictions (one of seven states) to be granted an FCC license to build a public safety high speed wireless network for data and video interoperability, the precursor to the NPSBN. The ISICSB applied for, but did not receive a federal grant to initiate construction of this network. The grant was denied because the ISICSB lacked the 20% matching fund requirement and had no sustainable state appropriations.
- With the passage of the Nationwide Public Safety Broadband Network (NPSBN) legislation by Congress in February of 2013, the ISICSB created a FirstNet Broadband Sub-Committee to address Iowa’s portion of planning and technology issues of this coming national network.
 - This subcommittee is Co-Chaired by ICN Executive Director Ric Lumbard and State of Iowa CIO Robert von Wolffrad. Members include SWIC Allen, state and local subject matter experts (SMEs), Department of Management, E911 Council Chair, Connect Iowa, and representatives of police, fire and EMA.

- In November 2015 ISICSB Chair Thomas Lampe, along with ICN staff met with Marshalltown School officials to launch the Wi-Fi Internet for School Emergencies (WISE) pilot project at Marshalltown High School. Using existing high speed ICN fiber connections at the Marshalltown school and other schools across Iowa will provide public safety responders with a dedicated, secure, private, broadband wireless connection through Wi-Fi for devices available during day to day operations and emergencies at the school. This pilot project is intended to serve as a model for Iowa demonstrating protection of our schools with existing technology. This also simulates a FirstNet broadband connection in that only public safety has access to it. This pilot project with Marshalltown schools has expanded to two additional schools, Norwalk and Martensdale, and is intended to last approximately 1 year from equipment installation.

9. Expand, maintain, and fund consistent, periodic training programs for current communications systems and for the statewide integrated public safety communications interoperability system as it is implemented.

- The ISICSB has established and maintained a periodic training program for Iowa's public safety officials through a series of regional workshops annually funded by the Department of Homeland Security (DHS) Office of Emergency Communications (OEC). These Technical Assistance (TA) grants can be presented throughout the state. The ISICSB has acquired several national DHS/OEC interoperability tools for these efforts, such as:
 - ISICSB hosted a Communication Training Session in Davenport and participated in two National Guard sponsored events where several COML and COMT participants were able to complete their task books to apply for credentialing through ISICSB.
 - In May 2013, a multi-state workshop was held in Des Moines to put together a standard recognition and credentialing process for the COML and COMT positions in Iowa, Missouri, and Kansas. This process ensures trainees take the relevant courses and then demonstrate their skills so that they are not only better prepared to use these skills in Iowa, but regionally and nationally, if requested. So far, several individuals have successfully completed this COML or COMT process and received credentials from the ISICSB.
- The above efforts are those training initiatives which can help improve interoperability in pre-planned or recovery situations where public safety uses many disparate radio systems to communicate. ISICSB has credentialed over 15 COMLs and COMTs since 2013.

10. Expand, maintain, and fund stakeholder education, public education, and public official education programs to demonstrate the value of short-term communications Interoperability solutions, and to emphasize the importance of developing and funding long-term solutions, including implementation of the statewide integrated public safety communications interoperability system.

- (See #9 above.)
- Besides the ISICSB's efforts regarding improving interoperability with traditional land-mobile radio (LMR) systems, the ISICSB has initiated stakeholder education regarding the new Nationwide Public Safety Broadband Network (NPSBN) system to be built in

the near future in every state as part of a single nationwide high-speed wireless broadband network designed to supplement and complement public safety's LMR systems. A federal grant has been obtained, which will fund stakeholder education and planning for this coming network over the next three (3) years (through 2018).

- In June, and again in October 2015, SWIC and federal Department of Homeland Security (DHS) Office of Emergency Communications (OEC) met with E911 Council and ISICSB stakeholders to review Iowa's Statewide Communications Interoperability Plan (SCIP). The E911 Council was included in strategic planning process; prior to 2013 only the ISICSB annually developed Iowa's SCIP. The E911 Program and E911 Communications Council, which serves as an advisory group to the E911 Program Manager, continue to oversee enhancement of Iowa's 911 system from E(enhanced) 911 to NG (next generation) 911, an all Internet-Protocol network, which will eventually converge with the NPSBN that the ISICSB is overseeing. The SCIP represents a strategic plan which contains a vision, objectives, and goals for the Council and Board.

11. Identify, promote, and provide incentives for appropriate collaborations and partnerships among government entities, agencies, businesses, organizations, and associations, both public and private, relating to communications interoperability.

- (See #10 above regarding a single unified SCIP [strategic plan] for Iowa between the ISICSB and E911 Program and Council.)
- (See # 7 regarding the collaboration and issuance of a statewide multi-state agency RFP for a land-mobile radio (LMR) system.)
- Board Management and the SWIC did presentations at several events in 2016. The goal of the presentations was to share on the FirstNet initiative and create new potential partnerships for the FIRSTNET network in Iowa.

12. Provide incentives to support maintenance and expansion of regional efforts to promote implementation of the statewide integrated public safety communications interoperability system.

- (See #7 regarding the multi-state agency land-mobile radio RFP.)
- The ISICSB is examining ways to incentivize expansion of the ISICS platform to support regional efforts and bring to fruition the implementation of a statewide integrated public safety interoperable communications system.

13. In performing its duties, consult with representatives of private businesses, organizations, and associations on technical matters relating to data, video, and communications interoperability; technological developments in private industry; and potential collaboration and partnership opportunities.

- ISICSB members and the SWIC have met with all six Homeland Security regions creating six Regional Interoperability Committees (RICs) to advise ISICSB on issues of local concern, in addition to many county and city public safety groups regarding a statewide LMR system. The SWIC also made presentations to various organizations across Iowa on ISICSB activities and the FirstNet NPSBN initiatives.

- ISICSB Technology Committee and FirstNet Broadband subcommittee hosted a public private meeting inviting in telecommunications industry stakeholders to discuss options and concerns as FirstNet gets planned for Iowa. One outcome of that meeting was a letter to FirstNet recommending that the Iowa business community have an opportunity to compete for any business FirstNet may do in Iowa.
- ISICSB Operations Committee is currently standing up a Public Private subcommittee to bridge concerns of private businesses providing communication resources to Iowa public safety community.
- ISICSB Chair and SWIC expanded the ISICSB meeting model to include use of a conference line for all meetings, both Board and Committee, posting meetings times, dates and locations on the ISICSB website such that any interested party can listen into the meetings and comment under public comment periods.

14. Submit a report by January 1, annually, to the members of the general assembly regarding communications interoperability efforts, activities, and effectiveness at the local and regional level, and shall include a status report regarding the development of a statewide integrated public safety communications interoperability system, and funding requirements relating thereto.

- This report satisfies this requirement.

Attachments Policy Statements for 2016

1. 2016-01 Supporting Funding of Local Procurement of Public Safety Grade Land Mobile Radio (LMR) Equipment Used on Statewide Interoperable Networks, and Platforms
2. 2015 – 01 Endorsement for procurement and state funding of P25 700 MHz LMR Platform,
3. 2015 – 02 Supporting government control of interoperability frequencies and channels,
4. 2015 – 03 Defining public safety grade,
5. 2015 – 04 Iowa statewide interoperability channels,
6. 2015 – 05 AES 256 Encryption SLN TEK KID.